

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

CONFIDENTIAL 25X1C

NO FOREIGN DISSEM

PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



25X1A



MISSION 5520

2 JULY 1966

NPIC/R-256/66

AUGUST 1966

CONFIDENTIAL

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

NO FOREIGN DISSEM

2017-2

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

Map base used for derivation of coordinates is the best available among these series: US Air Target Chart, Series 200; AMS; ONC; or DIA JOG, 1:250,000.

The header line for each target contains, reading from left to right, the target name, the geographic coordinates,

the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photointerpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), and P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

NO FOREIGN DISSEM

CONFIDENTIAL

25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-NORTH VIETNAM-				
MILITARY INSTALLATIONS			25X1A	
AI MO WAREHOUSE AREA WEST 0.5 NM SOUTH OF YEN VIEN AT UTM WJ954310. WALL-SECURED FACILITY CONTAINS 20 STORAGE BUILDINGS, 6 VEHICLE MAINTENANCE BUILDINGS, 2 ADMINISTRATION BUILDINGS, 5 SUPPORT BUILDINGS, AND OPEN STORAGE. OB -- 1 UNIDENTIFIED VEHICLE. [REDACTED] 25X1D	2104N 10555E	0616	[REDACTED]	407-C
YEN VIEN ENGINEER DEPOT 5 NM NE OF HA NOI. INSTALLATION CONTAINS 20 BARRACKS-TYPE BUILDINGS, 2 ADMINISTRATION BUILDINGS, AT LEAST 12 WARE- HOUSES, 1 LARGE FIELDHOUSE, 2 MAINTENANCE AREAS, NUMEROUS SMALL STORAGE/SUPPORT BUILDINGS, AND NUMEROUS STACKS OF MATERIAL IN OPEN STORAGE INCLUDING LARGE CABLE SPOOLS, PILINGS, PREFABRI- CATED BUILDING SECTIONS, CRANE BOOMS, AND TRUCK TIRES. OB -- AT LEAST 10 CARGO TRUCKS, 7 CARGO TRAILERS, 2 TRACTORS, 2 CEMENT MIXERS, 1 TRUCK-MOUNTED CRANE, AND SEVERAL UNIDENTIFIED PIECES OF EQUIPMENT. [REDACTED] 25X1D	2105N 10554E	0616		114-M
AI MO WAREHOUSE AREA EAST 0.4 NM EAST OF YEN VIEN AND 5.2 NM NW OF HA NOI AT UTM WJ961318. FACILITY CONTAINS 12 WAREHOUSES (6 SINGLE BAY, 1 DOUBLE BAY, 4 TRIPLE BAY, 1 FIVE BAY), 9 STORAGE BUILDINGS, 2 ADMINISTRATION BUILDINGS, 20 SUPPORT BUILDINGS, AND EXTENSIVE OPEN STORAGE THROUGHOUT AREA. FACILITY IS SERVED BY	2105N 10555E	0616	25X1A [REDACTED]	407-B

NO FOREIGN DISSEM

CONFIDENTIAL

25X1C

NO FOREIGN DISSEM [REDACTED] 25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>ROUTE 1A AND BY 2 RAIL SPURS (EACH WITH A LOADING PLATFORM) EXTENDING FROM THE YEN VIEN RAILROAD CLASSIFICATION YARD ([REDACTED]). (SEE ATTACHMENT 1)</p> <p>[REDACTED] 25X1D 25X1A</p> <p>PORTS AND HARBORS</p> <p>RHU Y TRUNG PORT FACILITY 8.5 NM NNE OF HAI PHONG. FACILITY, SERVED BY AN IMPROVED CAUSEWAY, CONSISTS OF 6 BUILDINGS, A GANTRY CRANE ON RAILS, A QUAY, AND A POWER TRANSMISSION TOWER. PROBABLE CONSTRUCTION MATERIAL IS OBSERVED IN THE PORT AREA AND [REDACTED] IS IMMEDIATELY EAST. 25X1D (SEE ATTACHMENT 2) [REDACTED] 25X1D</p>	<p>2059N 10644E</p>	<p>0616</p>		<p>249-D</p>

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

NO FOREIGN DISSEM 25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>BASIC SERVICES</p> <p>YEN VIEN RR CLASSIFICATION YARD</p> <p>0.4 NM SOUTH OF YEN VIEN AT UTM WJ956316.</p> <p>FACILITY CONSISTS OF 13 TRACKS, 3 COAL STORAGE AREAS, A COALING TOWER, AND 2 TURNING WYES.</p> <p>ACTIVITY -- 4 STEAM LOCOMOTIVES, 112 BOX, 17 FLAT, 41 GONDOLA, 18 HOPPER, 14 TANK, AND 6 PASSENGER CARS, AND 1 WRECKING CRANE.</p>	2105N 10555E	0616	25X1A	407-A
<p>HA NOI/PING-HSIANG RR SEGMENT 3</p> <p>RAIL SEGMENT OBSERVED FROM 21-13N 106-06E (UTM XJ142466) TO 21-01N 105-51E (UTM WJ878235).</p> <p>A RAIL BY-PASS AROUND THE BAC GIANG RAILROAD AND HIGHWAY BRIDGE AT 21-16N 106-00E HAS BEEN CONSTRUCTED USING STANDARD-GAUGE TIES WITH METER-GAUGE TRACK. A RAIL BY-PASS IS UNDER CONSTRUCTION FROM 21-05N 105-55E (UTM WJ962322) TO 21-04N 105-54E (UTM WJ938296).</p> <p>A RAIL BRIDGE UNDER CONSTRUCTION AT 21-04N 105-55E (UTM WJ958305) CONSISTS OF 7 WOODEN PILING PIERS.</p> <p>A RAIL BY-PASS UNDER CONSTRUCTION AROUND THE DAP CAU RAIL BRIDGE EXTENDS FROM 21-12N 106-05E (UTM XJ138454) TO A BRIDGE UNDER CONSTRUCTION CONSISTING OF 8 WOODEN PIERS AT 21-12N 106-05E (UTM XJ132456), THEN TO 21-11N 106-05E (UTM XJ128438) WHERE IT REJOINS THE HA NOI/PING-HSIANG RAIL LINE. THE RAILBED IS IN LATE STAGE OF CONSTRUCTION, BUT NO TRACK OR TIES HAVE BEEN LAID.</p>	2110N 10604E	0616		297-A

CONFIDENTIAL

25X1C

25X1C

R-256/66

CONFIDENTIAL

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ACTIVITY -- 1 BOX, 7 FLAT, AND 2 GONDOLA CARS IN 3-TRACK RAIL YARD AT 21-07N 105-53E (UTM XJ005354). [REDACTED]				
STORAGE HA NOI PETROLEUM PRODUCTS STORAGE THANH AM 4.5 NM NE OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM WJ930295. AREA CONTAINS 23 DESTROYED VERTICAL POL STORAGE TANKS, 9 DAMAGED TANKS, 4 POSSIBLY DAMAGED TANKS, 25 INTACT LARGE TANKS IN OPEN STORAGE AREA, AND NUMEROUS DESTROYED/DAMAGED BUILDINGS. (SEE ATTACHMENT 3) [REDACTED]	2103N 10553E	0616	25X1A [REDACTED]	114-D1

CONFIDENTIAL

25X1C

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

NO FOREIGN DISSEM

CONFIDENTIAL

25X1C

Target	Coordinates	WAC	Target Numbers		
			BE	NPIC	
-NORTH VIETNAM-					
AIR			25X1A		
HANOI/GIA LAM AIRFIELD OB -- 3 FAGOT/FRESCO, 3 PROBABLE FAGOT/FRESCO, 1 COKE, 1 POSSIBLE COKE, 6 CRATE, 3 CAB, 8 PROBABLE COLT, 2 HOOK, 3 PROBABLE HOUND, AND 3 PROBABLE HELICOPTERS.	2102N 10553E	0616		114	
GROUND					
HA NOI ARMY BARRACKS NE GIA THUONG OB -- 1 SA-2 MISSILE LAUNCHER, 132 SA-2 MISSILE CANISTERS, 6 ARTILLERY PIECES, 10 CARGO TRUCKS, 4 CARGO TRAILERS, AND 1 TRUCK-MOUNTED CRANE.	2104N 10553E	0616			114-E
HA NOI ARMY SUPPLY DEPOT NNE OB -- 2 CARGO TRUCKS, 1 SEDAN, AND 1 TRUCK- MOUNTED CRANE.	2104N 10553E	0616		114-D	
AI MO WAREHOUSE AREA WEST OB -- 1 UNIDENTIFIED VEHICLE.	2104N 10555E	0616		407-C	
YEN VIEN ENGINEER DEPOT OB -- AT LEAST 10 CARGO TRUCKS, 7 CARGO TRAILERS, 2 TRACTORS, 2 CEMENT MIXERS, 1 TRUCK-MOUNTED CRANE, AND SEVERAL UNIDENTIFIED PIECES OF EQUIPMENT.	2105N 10554E	0616		114-M	

NO FOREIGN DISSEM

CONFIDENTIAL

25X1C

CONFIDENTIAL

R-256/66

NO FOREIGN DISSEM

25X1C

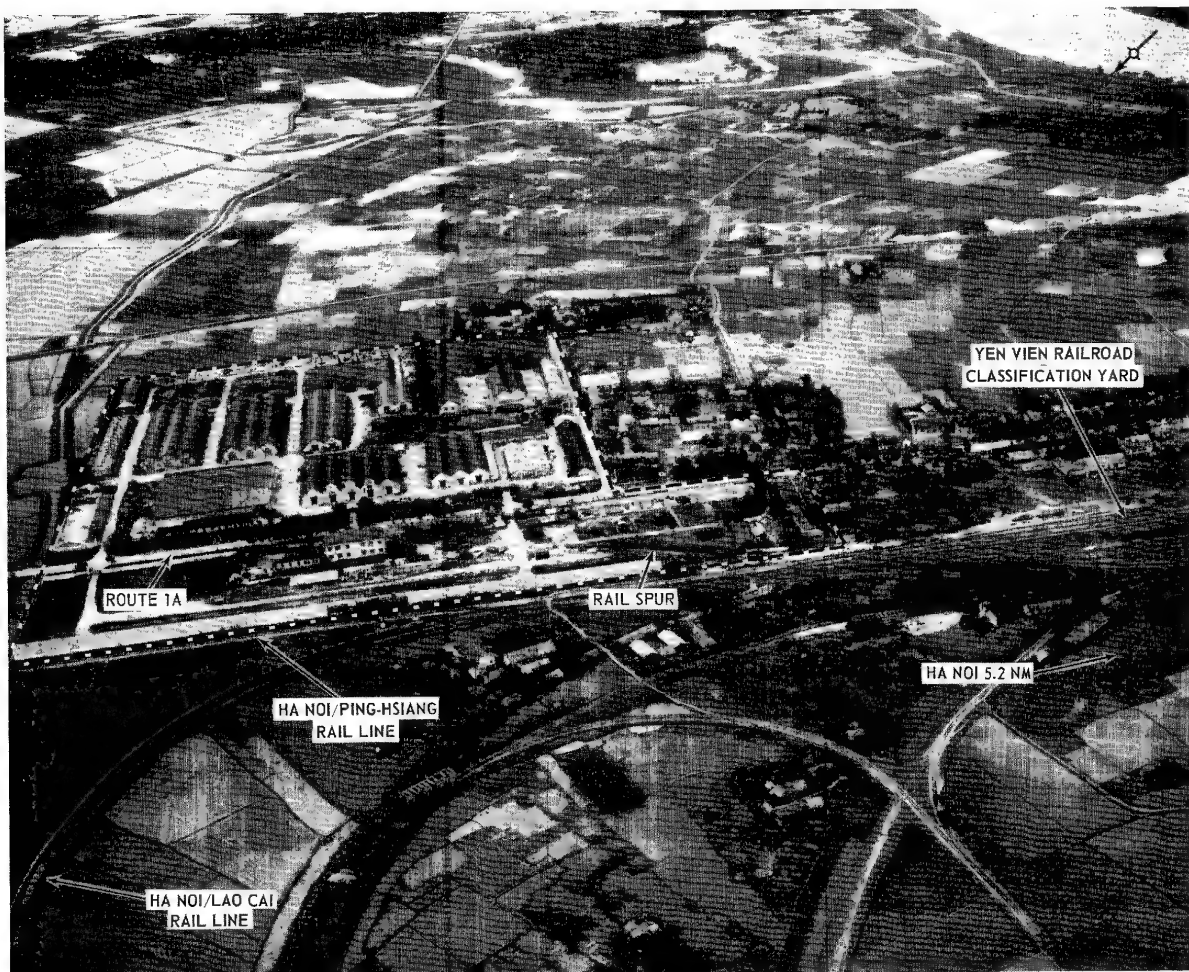
Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MISCELLANEOUS				
NAVAL VESSEL SIGHTING TWO CAMOUFLAGED S.O.1-CLASS SC ARE APPROXIMATELY 6 NM SOUTH OF HON GAI AT UTM YJ180071 AND YJ181072. THE 2 VESSELS ARE MOORED CLOSE TO THE ROCKY LEDGES OF AN ISLAND AND ARE WELL CAMOUFLAGED WITH NETTING. (SEE ATTACHMENT 4) [REDACTED] 25X1D	2051N 10705E	0616		
NAVAL VESSEL SIGHTING TWO SWATOW-CLASS PGM, EACH WITH CANVAS-COVERED BOW AND STERN, ARE ANCHORED AT NE BANK OF THE RED RIVER 2.2 NM NORTH OF HA NOI AT UTM WJ897283 AND WJ900280. (SEE ATTACHMENT 5) [REDACTED] 25X1D	2103N 10551E	0616		
HA NOI RR CAR REPAIR SHOPS GIA LAM ACTIVITY -- 26 PIECES OF ROLLING STOCK. [REDACTED] 25X1D	2103N 10553E	0616		114-C
YEN VIEN RR CLASSIFICATION YARD ACTIVITY -- 4 STEAM LOCOMOTIVES, 112 BOX, 17 FLAT, 41 GONDOLA, 18 HOPPER, 14 TANK, AND 6 PASSENGER CARS, AND 1 WRECKING CRANE. [REDACTED] 25X1D	2105N 10553E	0616		407-A
HA NOI/PING-HSIANG RR SEGMENT 3 ACTIVITY -- 1 BOX, 7 FLAT, AND 2 GONDOLA CARS IN 3-TRACK RAIL YARD AT 21-07N 105-53E (UTM XJ005354). [REDACTED] 25X1A [REDACTED] 25X1D	2110N 10604E	0616		297-A

NO FOREIGN DISSEM

25X1C

Approved For Release 2000/05/10 : CIA-RDP80-04560A005300010017-2
NO FOREIGN DISSEM [REDACTED] 25X1C

NPIC/R-256/66
ATTACHMENT 1



AI MO WAREHOUSE AREA EAST, NORTH VIETNAM.

NPIC L-1340 (7/66)

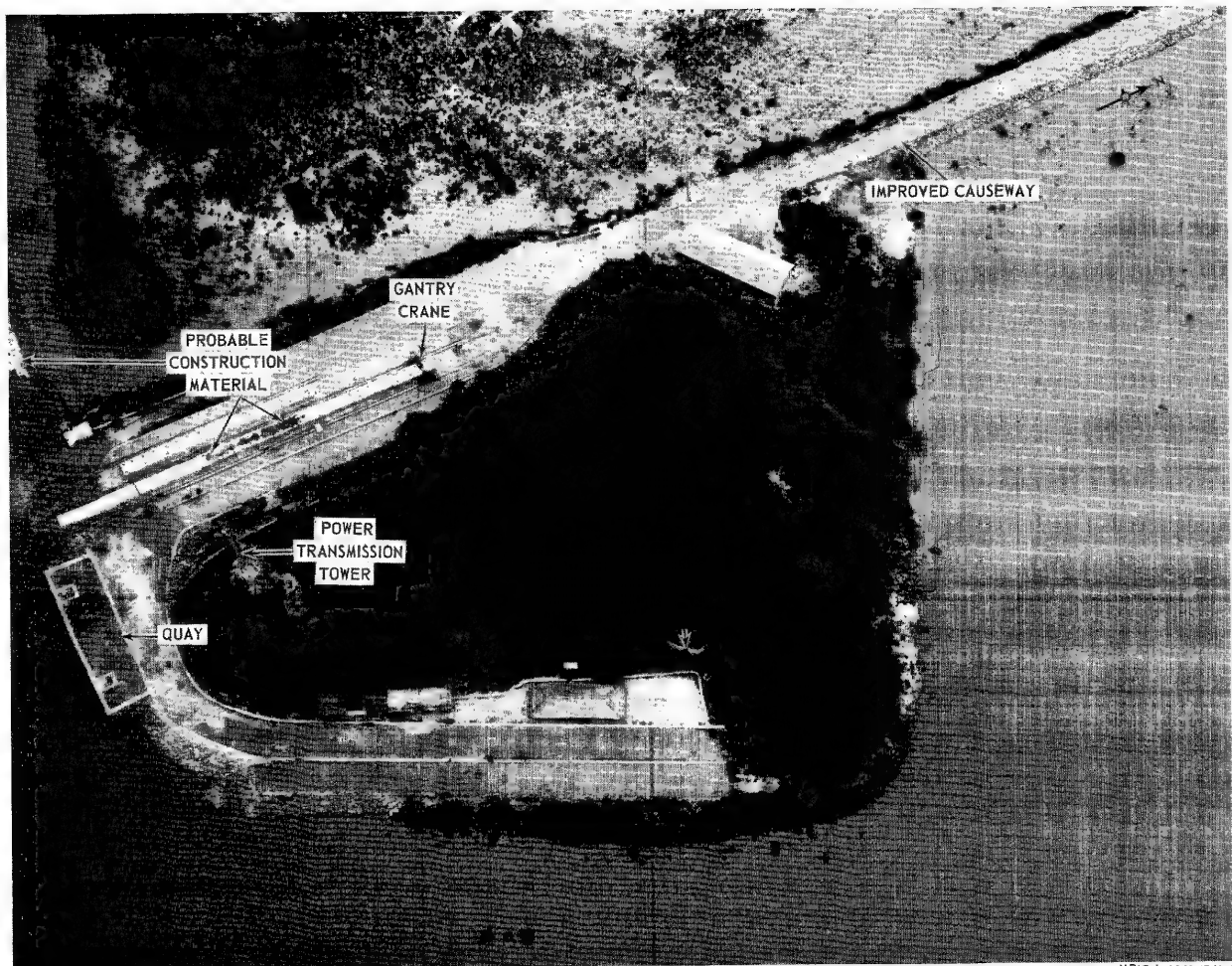
Approved For Release 2000/05/10 : CIA-RDP80-04560A005300010017-2
NO FOREIGN DISSEM [REDACTED] 25X1C

Approved For Release 2000/05/10 : CIA-RDP80-04560A005300010017-2
NO FOREIGN DISSEM

NPIC R-256/66
ATTACHMENT 2

CONFIDENTIAL

25X1C



RHU Y TRUNG PORT FACILITY, NORTH VIETNAM.

NPIC L-1341 (7/66)

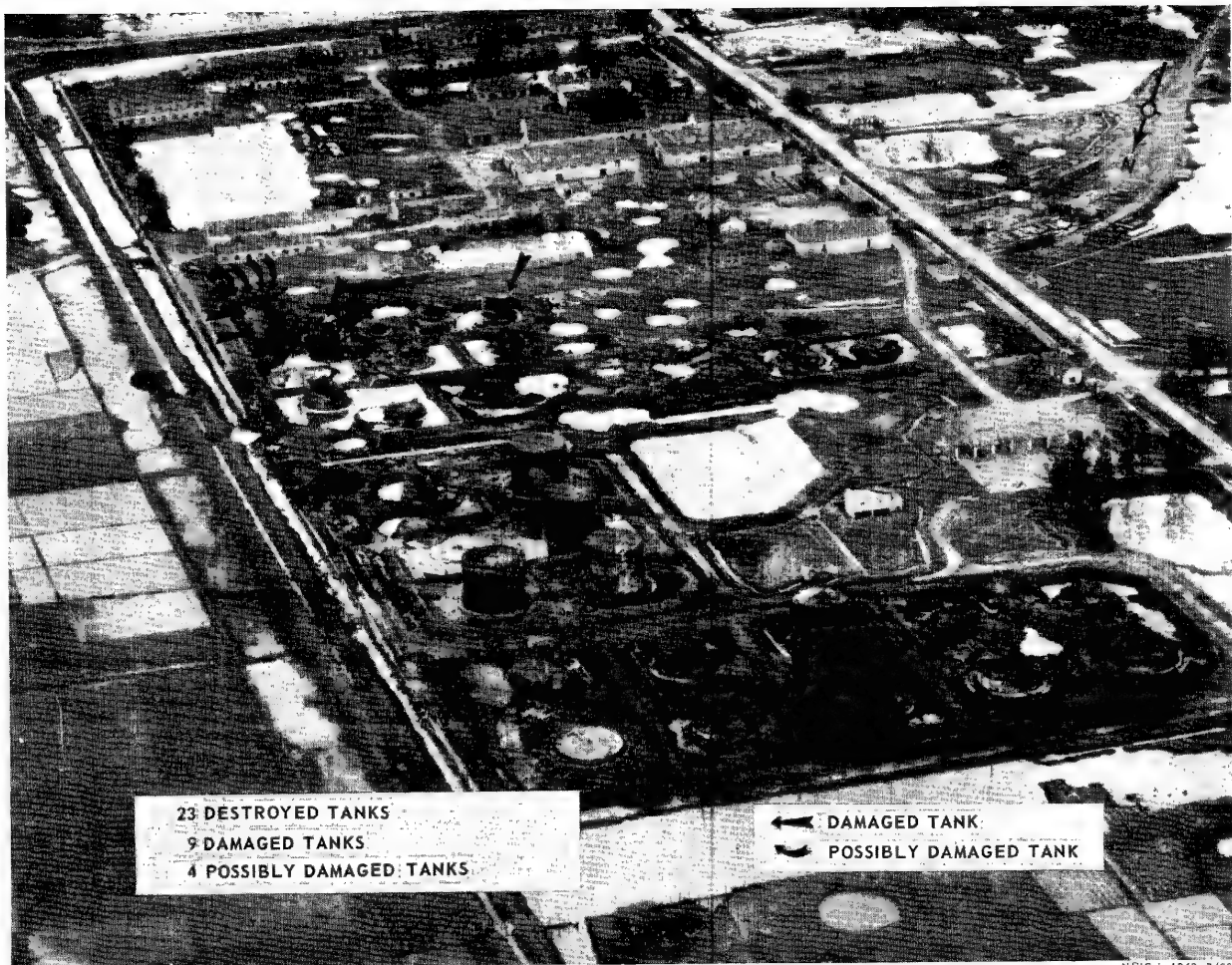
CONFIDENTIAL

Approved For Release 2000/05/10 : CIA-RDP80-04560A005300010017-2

25X1C

Approved For Release 2000/05/10 : CONFIDENTIAL
NO FOREIGN DISSEM 25X1C

NPIC R-256 '66
ATTACHMENT 3



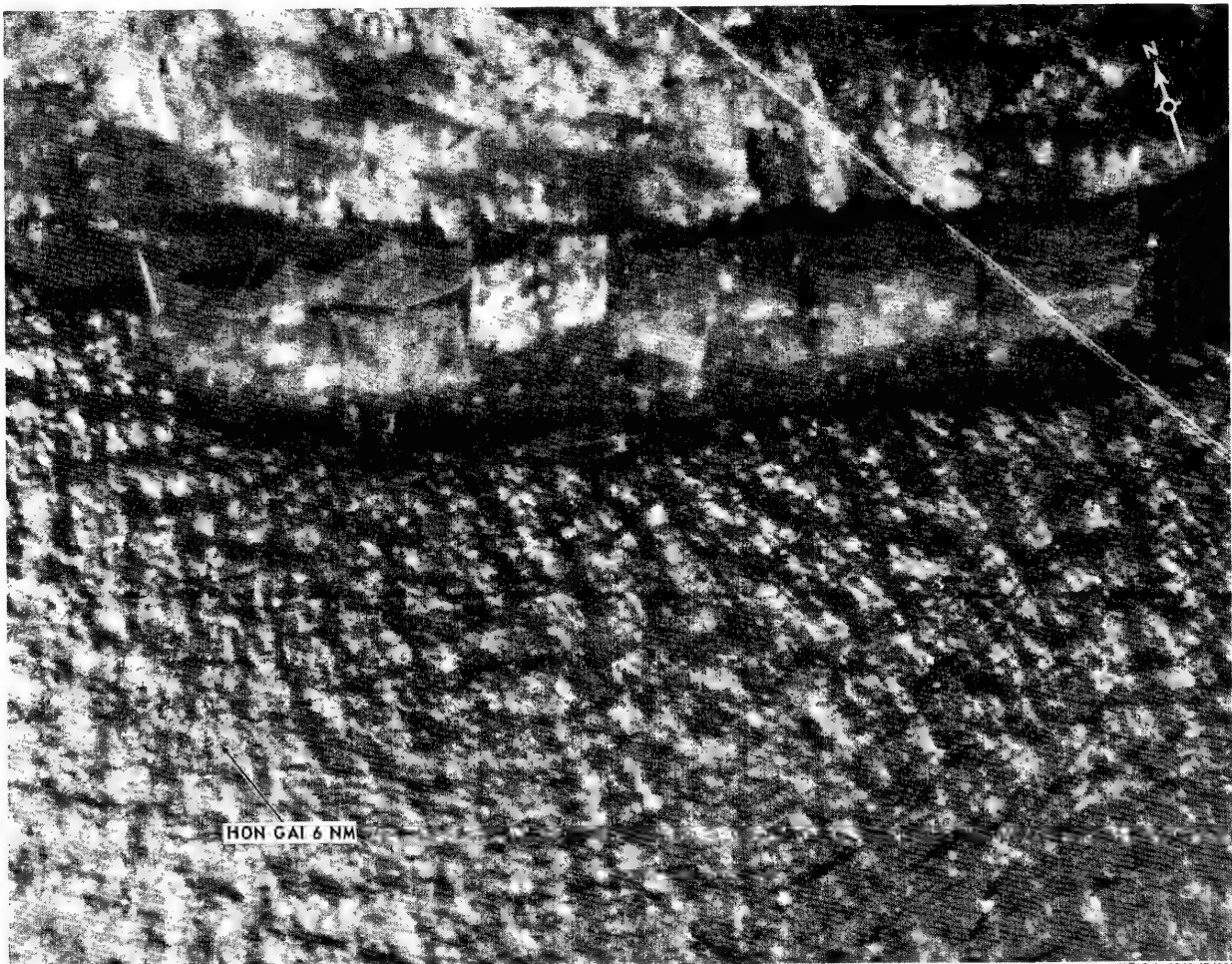
HA NOI PETROLEUM PRODUCTS STORAGE THANH AM, NORTH VIETNAM.

NPIC L-1342 7/66

Approved For Release 2000/05/10 : CONFIDENTIAL
NO FOREIGN DISSEM 25X1C

Approved For Release 2000/05/10 : CONFIDENTIAL
NO FOREIGN DISSEM [REDACTED] 25X1C

NPIC/R-256/66
ATTACHMENT 4



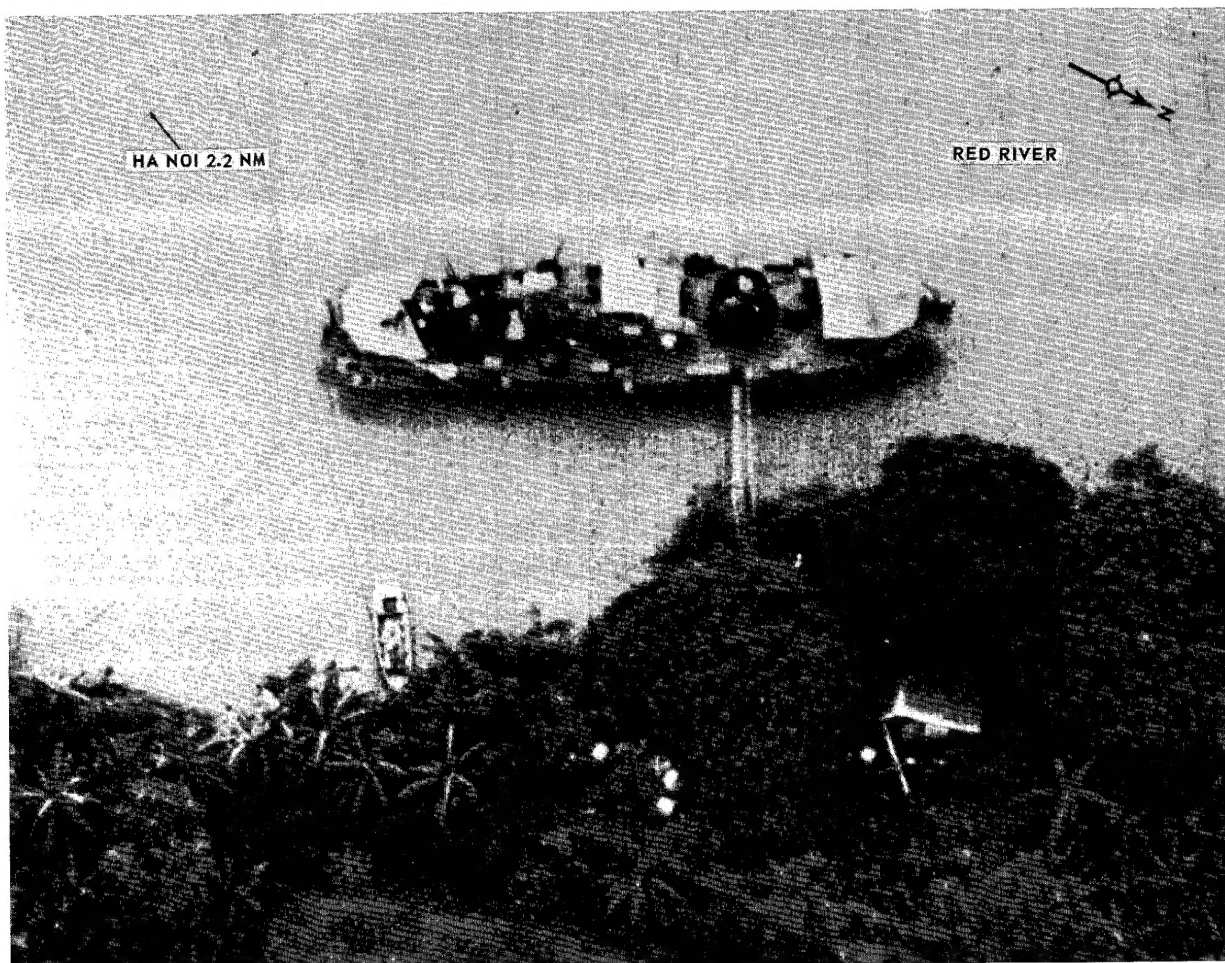
CAMOUFLAGED S. O. 1-CLASS SC, NORTH VIETNAM.

NPIC L-1343 (7/66)

Approved For Release 2000/05/10 : CONFIDENTIAL
NO FOREIGN DISSEM [REDACTED] 25X1C

Approved For Release 2000/05/10 : CIA-RDP80-04560A005300010017-2
NO FOREIGN DISSEM [REDACTED] 25X1C

NPIC/R-256/66
ATTACHMENT 5



SWATOW-CLASS PGM, NORTH VIETNAM.

NPIC L-1344 (7/88)

Approved For Release 2000/05/10 : CIA-RDP80-04560A005300010017-2
NO FOREIGN DISSEM [REDACTED] 25X1C

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

CONFIDENTIAL

NO FOREIGN DISSEM

25X1C

CONFIDENTIAL

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

[illegible]

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2

[illegible]

TITLE NPIC
R-256/66

Aug. 1966

25X1C

Approved For Release 2000/05/10 : CIA-RDP78B04560A005300010017-2